

ABSTRACT

The present invention is a pressure regulator for regulating a fluctuatable fluid pressure of a fluid flow, the fluid flow being received from a first device and being transmitted to a second device, including a spool valve being translatable between a closed non-regulating disposition and an open regulating disposition, a throttled portion of a fluid flow acting on a first spool working surface and a main portion of the fluid flow acting on a second opposed spool working surface. A method of regulating a fluctuatable fluid pressure is further included.